# COMMODORE



Unbeatable Programs! — Screen Store 64 ▲ Relative







REGULARS

. Game of the Month

\* The ICPUG Column

· Buck Page

### FEATURES \* Fontmaster 128

- \* Through the Bound Window









\* Relative File Programming \* Compilations

### GAMES AND LITTLE STEEL

\* Ackroyd's Saga

\* Ultra Function Keys \* INPUT Clean Un

\*Reveal Your Characters

\* Morse Code Tutor

## DATA STATEMENTS





# Focus on Germany

### Music to your Ears





Gateway Charges

Gatricar Computer Cheb: 1644

### Amiga News

YOU'L COMMODORE february 2965

**DIMENSION** computers l.t.d. THE MIDLAND'S LARGEST COMPUTER STORE CERNAL DE and PLUS 4 COMPARE La PRILL Sales Putchase Notifical Labours with Invasions \$24.96 PORTPICK I 2-citor Dat Matter Porton, Sales 20s. roll paper . . . . . \$88.60 \$28.66 Revises order and collected state order order order former order and collected table and and the own 101 X regist Police of the ACC X Swednesday.

## Airborne Ranger

Here's your apportunity to get in on the action and become a Ranger in Micrograms' new release

By Toxy Hetheringto



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## Communications Corner

Greetings comms forst! For obvious reasons things start to happen in the comms world at this time of the year so there's plenty of news. By Dwid Jondo.

regunsion of MicroLink flor a \$1.50 million deal th Telecom Gold Duesk anaging director of fileations which russ the four Commoders, "We'd thost such a deal on and not two years, but only sup when the possibility retrainer, since becoming a low Gold users, became

In the deal Micro Link gets its one Prime 9900 computer which is reputed to be foun times more powerful than the Prime 25th which are used on the rest of Telecom Gold.

Database are not saying essely what new features will be

sell give us much greater (hechide), its all allows us to provide a much future revice, introduce a variable obsergate revice, introduce a variable obsergate received to make possible the metallicition of many new and washing tomore. Without a death, the 552 blook housester tomore charge has put off a or potential and coloning some of potential and coloning some of protectial coloning for the coloning of the coloning for the coloning for the coloning provided that the coloning the coloning provided the coloning the coloning provided provid

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popular XMODEM file present FT is only arall with corporate account believe it proves to be a it will be made available uses – full details next

The Net Gets Musical

A new contributors are numbed on Micronet by end this. Called Music

combit of meso and finatures also computer music. One of the restitractions will be referrefronformload files for a variety machines including the CBA.

YOUR COMMODORE 64+

muchines including the CS4.
As no are all aware, there

.. And Smaller!

Al 1 to remove capy (12.8)

The adaptor fits nearly on the user part of the Commodore, A land goes to the "VICEO CUIT" sucket of your video recorder of using your Video as the Turser for the system.

And 666.66 in PAP (Cyronesia and CLIST)

## Font Master 128

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## Amending Commodore 64 Basic

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Ry Pete Gerrar

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There are two overnments in the Commodere 64's expertedre 50's enemphalism point and popelist, and those are PEEK and POKE. Even POKE they are of the time, which a better the commodere 60's enemphalism point deal of high most of the time, since a lot of the registery.

seed in handle there two indexes only in programs. Oreation in portion flations of the for are winethe That is, yet can PORE things in with a new command, as sort but you can I PORE in see what. If After Basic to accept new callength got. Write-only keyword.

memory, or WDM I suppose, can be bit of a minimum or time.

Now I'm not proposing suggery your compates, name the variety suppose of things can be concrosed a patients on set of variables and a limitation of the patients of variables and a limitation of the patients of variables and a limitation of the patients of th

There are many ways of poabout this, but in the first entire to start by tailing a fool as occurs that is, fairly simple to follow in implements. It well give you i opportunity to make about and all is whatest way you please, and it is whatest way you please, and it has no come.

Just to very might cape the following fairness to walk before to longer to the first to walk before to longer to the them to researce contemps before

term to walk before to began to a then it is moster remeing before married leaging about over here trandy leaging about over here trand yet. I know he's been beaute long lead to yet to so will have to juing a better to be to the hard to jution at the shallow and as first. To be with, when are we looking for frominitial program?

Programs Creation 20. Allow that keyword as have parameters associated with it. 39. Act on the new keyword.

If one or all of these fail on then so will get noveloce, on the first step reason be no see how Basic accepts the keyword that it almostly has, and how we regift go nobout altering finings on that it, will have to accept one of our terms of the new keyborn and the new seeph on prefit.

Step One — Character Get Readine Whitester you type something imyour 64, crayything is should it memory a rou type. If does not, a you might think at first, go into its keyboard before. Ranfor, it is used

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Commands and Parameters

YOUR COMMODORE Shreary 1988

### IS YOUR 128/64 GROWING UP OR GROWING OLD?

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## Ackroyd's Saga

Continuing our learning tables routine we take a look at

By Allen and Margaret Webb

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of you and you'll not get the idea. The position of any matter in his row tables in the code. Positions altering these values, you move any action of the code of the position. The epiter allows you to load, the relevant block of code you called the relevant block of code you called the position of the part of your cardidation. We have the part to your cardidation. We you to save the modified code.

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S DOCUMENT OF THE STATE OF THE



### Through the Round Window

To you C64 and 128 owners dream of having access whiteons, icous, mice and windows? Now the answer

By Rosy van Hoye and Rant Duckesne

Weatdays, when you have shown shown shown shown, since, mine and publishers rememe or medium's the machines which upon the processor of the publishers of th

Opinional observed with WILMANS. And WILMANS. A WILMANS. AND WILMANS.

All commands and functions
C. listed as below.
Sociate well, everyone knows wh
testin.
Mode: this can officer program
is direct or both (ell)
Output: this is serious or windows
Directions and resemble.

The windows fall into the enterprise.

• All purpose window (APW) Feathbee can be opened up.

• Static meabor (SW). Only a window is allowed.

• Pail down mens (PDM). You o









time but you can define up to eight PDMs.
You can open up to five windows them APA's plus one SW or PDMs.
You can use any nine DIN mosso [e.g., Benilmer mouse, Artiga mouse and ST Worst to any or one services.

Starting up

In SYS 64738 or reset your f you own a Commodor seet go to 64 mode. The tennage is printed in green fack screen. STORASIC 1.8

RATING STREM 48
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1 BYTES PREE
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retard the following
care working in BANK 3 in

ASSIC TESTS STARTS AT 16 creen item is \$224-53223 (OFF). Character set resides in \$7344-61 00-FFF). "00L/SW buffen are in 63-15 (F000-FFF). AW buffen are in 4090-0-00 00-8550.

(1800-94-9)

\*PEM/SW buffers are in 6
65555 (Foot-FFFF)

\*ANW buffers are in 4960(A000-9FFF)

\*Fore use in 49153-52223 (1
CRFF)

Never use address FS-FE.

ZFF (parameters block-one) and

Character codes 91redefined Galou the inverse is
don't worry if you see non
codes on your screen.
 If your have program ha
and you proor rect or STS
strange on your screen.

• If you're hose program has could and you prime price of 5% GeTB3 for the second time, your series to 5% GeTB3 for the second time, your series are contain stranger things, but does soon! However your program earns be recalled with OLD, because after reset the system used fine to RANK and vision to the course condition of the system used from the system in damage of the system of the sys

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longth (xl) at a specified position (x. If no length is given the default of I taken.

IF

IF condition ...
Mode all
Output all.
This is an enchanged version of
COAs IF instruction. In the not
case the condition can be followed
GOTO or a THEN: But I decide

condition can be followed by a or a THEIN. But I decided to t, the result being that you can instruction after the condition. K=2 A=2 is the same as IF X=2 2 or SGN(y) PBINT\* fam.fan\* rove put a line manther after the THE CONTROL AMERICAN CONTROL OF THE CONTROL OF THE

poor, the boates it will stream a line of the boates it will stream a line at 10 Hz trans a line at 10 Hz tran

terms this instruction it tourns the the actum for appeal appeals for the actum for appeal appeals of the actum for appeal appeal appeal remarks in the system is then must leaked we can read later by another by the control of the actum for a peal appeal appeal appear are (DESM, to be account for in, otherwise it has the actum for a peak appear and appear are (DESM, to be account for in, otherwise it has the actum for a peak appear and the act

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## The **ICPUG** Column

Ry Tim Arnot

Unfortunately, Mike was unable to

Commodore nived about their new range of brockurps, that were not actually available to the public. The A3000 breedury was their gride and ion, and up, it was improvery. Gut one Ell off Commendate and start december In the A2000 may be Commodorn's new all fluedon, but the beloved C128 to 100 notable by its absence. When asked the the Commadore reps just changed the because I'd hate to see the C128 As I've about out of space, it really go instruction by me tathard, on behalf as of the exhibitions organises, all those 30 solumers who helped on the ICPUG at

or otherwise contributed towards renking PCW a very enjoyable evers.



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## Ultra Function Keys

By Geoff Hackworth

Using the Program

# Reversed Function within Character definition 7 Input request End marker E Await key pres D Delete characte S Hene custor Clear seven Clear seven

est (1)
pr (2)
press (3)
cactor (4)
or (5)
n (6)
RETURN

sime, that the delete key to event to the beginning of the input like and jet person of the input like and jet person RETURN. If the means that it wystan error will enter, as ever its extensive will be a even the the person of the scene but the execution of the fully the definition will continue. Seemetimes syntain errors will occur within a definition due to programmering errors. If this happens at any time the function key primous can be halled by

A TEST ones the screen. In Educarande like doesn't lappree, the canset simply prints a received free their symbol as though it were just another character. Now type PRINT 475 and press BETURN again. This should apper on the same live as the last communication of the communication of the communication defending will go but, on you can to more information can be

e HOMBE heys werk in normal and a will clear a mittee server of an unwanted function key definition or returns the answer to the top, left-band corner of the server. Within a left-feithern your easy want to the definition you may want to a fertilistic to the extent for a special perspose so, in Englisher this, there is a special chanacter for auch purposes. The 'S' are home creamed in electron by pressing command in electron by pressing to an extension of the command in electron to the latest command in electron to the latest command in electron to the server of the electron to the command in electron to the latest command in the latest command in electron to the latest command in the la

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# Games Reviews



# back our racing is the name of the game in this game





speniership cash. If you quest reasily on training you will more races and gut more sponenship-but if you crash if the rides of the rise and damage the hold the repair could training by you and and your quotifier gold.

Tourchine:

Elde Bublishek Supplier Dipital betergration, Washington, Court, Washington, R.L. Cambroler, Surrey, G. S.L. Teb 1278 SERSE Mathine; Col. Poles 12-93.

Originality, 27 (E. Pleyability, 2738, Graphics, 67(E. Fa

BASIL THE GREAT MOUSE DETECTIVE

The same is 2218 Baker Steet. In the basement aims all the grazers mount of the 1915 Manadom, but for featurests, his latest can have due to the lideoping of a french Dr. Danson who is new in the evil chatches of offsore Ranging.

To mose your doubly found and incidently silve it count you want track dren the vell Problems by goldents claim that will lead from the hope and docks of Londo through Londow's seven and incidently aligned been through the silve seven and incidently aligned been considered to the silve seven and the silver and the silver and considered that are spread throughout the ladders are among of the games corrent. However, he freeding harps has sended in eight calls containers complete with full claim. Therefore, a however you have colored free claims you you have If you harm's got the claim you continued which could be send howings.

Take Sent The Great Mouse Descrive, Supplier Great Grephin, Apha Hann, 35 Carrier Serve, Stefficial Sel & Tel: 8742 715425, Machiner, Cold. Price, 1839. Orientative, 6735 Harabilities, 8745, Graphics, 6735, Fall RADIUS

The Badius is the most important hypery reaso his side of the Savvelgeas R21 and a over by aliens. Now you, the beasen, fasterplain in the Universe many or it but by takin in your Ripley Clain Horster Killer Fighter.

The Radius tooks this are other backstop for this type standard shocked on spewh alters a structure in a scene is served in the structure of t

with part that's better than the main game. T.H. ionchine. More Rubins. Supplier: Pleases. Mercury House. Collect Lett. Advancation, Berlis BG7 4QW, Machine: COI, Price. 1,59

## ZIG ZAG

Link 2 as, a 1D few way, importal confine games in which the piles is termed rate who when few the highest confine is the Marrier of Eagle The mane was created in the marrier of Eagle The mane was considered as which the Crystals of Eagle New 18 were term. Crystals of Eagle New 18 were term. Crystals of Eagle New 18 were term. The arrange games above. Years they fine along part above the arrange games above. Years they fine along part above the arrange games above. Years they fine along part above the arrange games above. Years they fine along part above the arrange games above. Years they fine along part above the arrange games above. Years they fine along part above the arrange games above. Years the fine along part above distincts. The piles is a wall yee (see the bound to step) the fact.

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# Quite simply, it leaves other word processors lost for words.

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# Relative File Programming

Learn the correct method of using relative files by

By Eric Rowsey

Will we need the number of

Opening a Relative File

- BASIC 2





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## The high-resolution bit mapped windows are selected from a menu bit. An unlimited number of windows can be open on the screen at the same time. The windows can be fresh moved on

the acreen. The following windows are already implemented in ROM:

PREFERENCE WINDOW

Selects: mouse part, joystick part, mouse speed, joystick speed, screen oxiors, points oxiors, keyboard click, keyboard repeat.

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Complete simulation of a LCD
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mouse, joystick or log board.
The remeric keep paid of the
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NOTE PAD Easy to use weedprocessor with proportional characters enables you to store and print

Small notes, letters, etc.
DIRECTORY WINDOWS
Enables up a troppen directories from different.

disks and drives, sort and print directories

alize, First format disks.

TAPE WINDOW

Activates fast and normal modes.

PRINTER WINDOWS

Select different printers, such as Commodore serial, Centronics, RS 2 for printers.

REQUESTER WINDOWS DISK BASED USER WINDOWS Design your own windows.

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## By Allen Webl

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to the word's position in the
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# C64 PROGRAMMING

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# Morse Code Tutor

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## C64 LISTING TO

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## Compilations



















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Ry Martin Roddy

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## Listings

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Mnemonic Symbol Keyaress

[RIGHT]	CRSR left/right
(LEFT)	SHIFT & CRSR left/right
[DOWN]	CESR up/down
(UP)	SHIFT & CREEK ap/down
[F1]	fl kay

### VOUR

## OMMODORE Listings



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Type in and save the program



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	1119,000,36,160,0,160,76,030		180,180,133,105,186,34,134,1 95,165,35,134,2823		
	1000 Dale 193,174,109,199,10		1956 DMCA 150, 30, 019, 131, 130		0,190,109,790,165,18,09,1
					41,141,125,140,2007
			5,219,13,200,2311 1360 DACA DDC, DDR, DVR, 130, 16		
	1650 5451 150,0,173,0,250,41				20,140,185,12,24,185,41,1 127,740,165,1624
	.15.73.15,76,618,131,166,6,1 74.15.1438		8, 8, 32, 218, 131, 76, 247, 174, 28 8, 152, 083, 214, 0830	12	
73	1708 OWIN 124,13,150,169,124		1978 DRIA 36, 158, 188, 139, 139		00'98 DWTM 13,189,8,141,18 98,08,174,189,198,282,139
42	1738 DWSH 181,169,255,133.10 F,100,1,30,000,174,160,0,141,	08	1990 DACA 200, 249, 195, 195, 24		198,79,186,33,327,198,191
	140,130,30,1005		.185,67,133,193,165,194,165, 130,137,184,36,6348	EA.	7,190,100,117,1992 OCCUP DATA 198,193,109,190
	THE DREA LET, B, MEL, 29, CON. III	EE			
			2,0,139,190,100,0,6,199,30,1		
12	1736 Date 5,144,2,76,613,131	F2	2002 DRIN 245, 165, 196, 24, 185		
	197,131,140,37,797,176,176,		150,130,196,160,0,177,193,1 93,180,000,180,0000	62	59, 3, 509, 5675 0000 DWTH 189, 310, 198, 199
			2010 DATE 63,191,297,96,32.1		
					5,177,12,153,60,3,30,899, 160,6,177,1993
	9,192,102,130,0231				
	130,251,125,110,105,127,110, 10,033,6,127,110,				
		10	130,1395 2030 DASA 26,251,168,30,195,	55	2380 DATE 191,237,177,18, 5,189,807,179,007,
			103, 261, 11, 200, 3, 70, 8, 170, 30		
	1770 Dada 176,136,179,25,829				
	.0,176,7,109,110,198,98,139, 16,14,554,1776				173,810,140,0815
ce.	1780 DATE 7,175,7,000,000,10	37	0,121,629,6833	53	2320 DATE 195,10,173,110,
	9.90.150.10.2.172.20.000.000		0,70,137,173,137,109,130,29		
			174,70,139,180,6846		
	9,130,134,500,0087 1888 DOSA REV.EU.178,33,38,7		37,000,136,186,0017	00	2390 BATA 193,195,12,282, 1,191,30,837,191,180,0,17
	0,132,176,20,165,281,178,265	50	2878 Deck 139,67,132,11,136, 69,136,129,136,137,63		1,141,30,030,041,180,0,12
			05,130,185,137,63,139,655,13	AC.	
	1818 DACA 20, 165, 282, 160, 265		2000 BASK 130,150,139,751,13		,28,278,119,149,136,148,38

00	73,819,198,795,8002 2008 DWEN 18,172,181,748,894		79,176,1601		2,299,199,1792
		10	230 DRIN 3, DUN, 1, V4, DG9, 0, 178 2, 124, 248, 173, 1, 208, 50, 633, 5	Ce	500 5434 173,165,130,040, 30,104,148,173,167,148,74
٠,					28,104,148,273,107,148,74
	2300 BASA 202,000,000,100,100,0 177,079,740,145,18,173,110,1				
			.748,168,0,141,189,990,173,1 6,800,74,1798		
				95	91,165,6,133,2358 500 DMCA 14,185,7,133,15,1
					,0,133,35,365,9,133,17,165
	119,190,199,098,0307 0200 DACK 136,173,097,190,19				
	5,10,173,138,190,150,15,174	14	79, 100, 199, 30, 191, 112, 190, 29, 100, 110, 110, 110, 110, 110, 110, 11		538 SATE 6, 133, 0, 169, 298, 1
					,7,169,294,199,9,169,6,140 89,139,1686
		72	5,176,3,78,1625 200 2014 19,234,169,259,141,		
					958 DATA Pt.76,19,149,3F,4 713,169,0,139,14,139,16,16
	PRODRET: VESS LONDER 2				
		32			
9	28 FOR Life TO SE CHI-DUTCH D-		.118,040,9,30,133,140,30,186 .150,30,60,1764		
		De	300 OWEN 118,18,30,000,000,140,0	LO.	
					578 DATE 170, 274, 148, 37, 48
45					92,188,0,130,11,133,16,165 48,133,15,1711
	"ERROR IN UTHE, TWATTALED' BE	53			
4	OF SERVICE		,148,160,07,30,05,199,30,30		
		ro	143,179,1619 309 Date 130,140,130,34,173,	79	
					508 DWTM 170, 160, 0, 169, 100 10, 153, 167, 2, 200, 232, 130, 1
			18,11,30,18,1900 330 GAGA 143,173,138,148,71,		
	60 0018 230,2,30,1,191,30,63	Ce			
	2,193,160,0,169,160,195,18,1		133,8,173,107,198,79,56,629, 2,160,160,1938		
	78 ORDA 198, 193, 10, 200, 201, 1			72	
					17,000,109,199,152,0,129,1
					198,157,1001
15	00 DACA 35,518,149,150,0,177 ,5,745,10,177,0,153,06,3,000	38	312 DETA 118,115,10,000,030,		
	, 0, 175, 10, 177, 0, 153, 60, 3, 200 , 007, 1604		236, 138, 148, 144, 233, 38, 133, 1 41, 30, 188, 150, 874		
			308 OKEN 70,59,118,173,184.1	**	
			10, 111, 110, 110, 212, 0, 30, 10, 1		838 Detn 133, 16, 169, 240, 13 7, 169, 249, 139, 9, 169, 8, 139,
	180 BASK 287, 148, 144, 245, 96, 269, 48, 130, 2, 174, 280, 148, 36,		309 BWTW 199,169,9,190,189,1		
			10,162,225,32,85,146,32,30,14		
				22	9,18,18,170,1848 608 DATE 173,170,0,04,185.
	.30,080,040,1770 180 DECA 32.1.711.000,000,04	20			
	7,173,183,748,640,00,183,0,0		230 DACA 808, 3,76,50,191,76, 25,771,165,16,133,6,174,108,	ET	888 BASH 174, 2, 168, 8, 185, 1
					.C.157,000.150,030,000,150 8,194,049,2381
rc.	136 Date 2,215,7,232,632,624				
	.0.199,094,000,187,199,76,80 0.198,00,0382				
	118 OWEN 179, 284, 158, 688, 238		.025,140,060,1971 410 5018 50,9,199,30,039,140	-	
			.000,000,007,173,100,748,548		500 OHCA 5,133,17,169,6,13 5,139,6,189,049,133,7,169
CB.	150 0454 165,150,030,030,030,004	AC	122 2011 250,5,220,2,240,7,2		
	.1,174,094,165,0,165,189,150 ,140,6,232,2321		30,030,004,10,044,044,086,10		
				30	F,189,139,1799
			12,152,68,3,800,001,167,118,		768 0404 130, 16, 178, 183, 16 248, 68, 184, 148, 880, 3, 55, 50
					89,163,199,2021
	178 Deco 189, 199, 179, 165, 198	28	418 Detn 30,019,140,160,0,10		
	.91.129,191,105,198,88,173,0 .008,74,176,1884		5.68,3,548,18,177,18,715,1%, 173,185,1684		133,36,174,185,139,64,56,1
		73		00	700 DATA 148, 1800
					700 DATA 148, 188, 147, 30, 21
į.					
n	150 DATE 77,173,1,200,04,100 .05,790,141,1,000,184,74,176	59	150 ENTH 191,527,30,207,140, 173,189,139,000,000,350,0,38	PV	
		77			15.31,160,0001 748 8458 551,115,31,136,00
	200 Dain 1,111,10,000,101,71	DV	988 3454 139,172,182,148,79,	56	
	,170,00,70,173,0,500,01,183, 58,740,1624		173, 183, 158, 72, 32, 58, 193, 32, 23, 158, 183, 1761		
,	200 0418 141,0,000,144,0,172		408 Dale 0,139,14,139,26,359		766 DRTA 188, 0, 177, 34, 249, 1

P. 1 1, 12 9, 20 9, 20 88, 2 88, 2 18,

2.0,1 80,0, 2.00 2.00 2.00 1.110

### STING

	169,30,30,210,255,56,30,292		1878 DRIA 188,30,63,56,158,1		1392 Date 193,173,100,198,7
			7,182,190,172,183,190,00,836		
	790 DATE 30,173,150,194,1,50		,123,740,154,0865		
					1362 DECA 848, 3,006, 182, 190
	,023,148,741,8165				
					F, 148, 832, 836, 8360
	139, 149, 133, 50, 648, 3, 11, 189,		lies Dale 32,60,149,174,183,		
			250,174,282,5128		1358 Dich 163,148,542,8,26
	,287,148,741,110,148,188,818				
	,199,191,121,799,5937 800 5919 639,100,198,639,100				
					1399 DATE 132,195,168,0,177
	032 DATA 148,54,329,118,148,				
			,2,230,252,50,165,253,56,233		,165,167,160,0,170,630,000,
					16.0,177,0950
					288,245,95,179,189,240,168,
			120,000,000,000,100,001,110,00,		
					2,745.251,173,2395 1488 3654 134,8,745,253,136
	. 111. 115. 110. 210. 6. 32, 10. 110		1150 DADA 160,0,160,30,145,0		
	OC# DaTe 169,6,141,524,148,1				
	60,113,30,05,119,30,39,750,3				
			,192,132,193,190,133,193,86,		,800,140,120,140,70,150,140
					169,0,151,182,2018
					, 131, 140, 168, 0, 133, 183, 188,
	908 ONCA 155,199,741,139,8,1				
	169,154,140,2265				
					1462 DETA 208, 1, 96, 173, 112,
			190,76,128,749,168,0,177,25		18,16,1,96,111,132,110,171,
	0.000,01,0008		1,153, 0,150, 2005		
PD	200 2004 210.11.201.0.218,12				13,198,16,1783
					1478 0000 1,08,147,133,148,
			, 111, 810, 96, 30, 8588		
	20,219,1,19,130,100,168,160,				1490 0000 001,120,040,41,50
			218, 281, 255, 268, 1, 168, 91, 288		163,610,13,601,161,610,111
	938 Date 18, 149, 104, 108, 79, 0				
			,3,000,38,2709		
			12:0 Dich 2:5, 100, 1, 149, 45, 1		1518 ORDA 148, 165, 1, 141, 134
	,199,00,030,195,10,06,050,1,				
	34,145,12,135,1338		190,003,000,009,183,740,179,		
62	908 Dain 109,123,195,18,06,1		6, 118, 192, 118, 2350		
					1530 0404 135,118,177,193,5
	60,1,130,153,000,140,000,030				
					1918 DRCA 173,131,140,000,1
	900 Onch 255,255,8,0,4,8,0,4				208,1,00,174,133,148,242,13
					88,793,192,135,793,162,2,19
			1890 DAGS 174,189,199,630.63		1960 DACA 100, 198, 30, 60, 747
	0,0,0,0,0,0,0				
	1016 Inin 0.0.0.0.0.0.0.0.0.0.				30,40,143,030,100,149,030,2
					5.118,285,107,2005 1578 5419 199,000,189,190,0
			,75,155,195,30,01,160,76,286		6,186,199,32,60,153,173,114
			TWE DE THE THE THE THE THE THE THE THE THE TH	53	1550 Dece 105 146 46 F43 14
92					
97	1019 Into 0.0,0,0,0,0,0,0,0,0,0				
	1019 Into 0.0,0,0,0,0,0,0,0,0,0				
97 60		21	76, 158, 149, 36, 1918 76, 158, 149, 36, 1918 1300 2018 83, 763, 160, 0, 30, 10 8, 748, 30, 80, 140, 230, 630, 104	27	191,130,198,108,1312 191,130,198,088,8312 1550 BANK 3,76,25,153,205,3 8,198,199,000,008,189,198,0

00,1400 1890 OMDA 173,0,200,10,252,1 11,0,07,183,004,141,130,0,1 00,57,741,2000

894 A. 695 (1951 (1952)

187 A. 695 (1951 (1952)

187 A. 695 (1952)

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A PRE PRE TREE CONTROL OF TREE



113,286,173,2586 058 DWT#639,0,193,134,886,13 5.1,190,38,088,341,33,086,14 40,855,173,2175 1000 DMTMLIE,000,1V1,3F,000 173,113,000,141,33,000,173,1 1V.000,141,134,3341 141,18,807,1870 1880 8A34159,3,191,106,207, 69,0,141,207,807,188,0,133,0 07,06,167,00)7

### LISTIN

	9,197,30,219,255,165,18,191,		,109,30,199,081,30,018,099,7		89,2,56,96,29,96,173,181,800
+3	18,027,000,0003 1650 043415,141,30,000,30,07 ,156,173,86,807,18,188,085,3	cc	6,74,500,1857 1880 DACADEL,147,008,29,30,6 7,501,30,164,000,38,50,609,1	35	2100 DMTAG, 133, EVT, 173, 186, E 95, 105, V. 153, 249, 160, 0, 169, 3 8, 193, EVT, 6189
oc.	1,150,133,1095 1008 DRIVERS,141,185,206,185 30,100,133,95F,141,187,085	CO	68,197,30,1993 1838 DASHDS,839,30,199,081, 108,160,179,791,8,9,30,63,88	67	2000 DATHLES, 247, 38, 505, 150, 150, 150, 257, 221, 231, 200, 243, 156, 243, 251, 271, 271, 271, 271, 271, 271, 271, 27
92	180.0,130,010,090 1870 0000177,031,000,0,160,9 6,30,07,004,76,88,888,680,13	95	0,188.0,1937 1590 Sndage, 93,709,180,1,193 185,80,70,74,500,501,790,50	ca	2018 DRIVERT NO. 04, 179, 180, 0 86, 174, 189, 286, 32, 248, 255, 56 150, 0, 123, 1023
76	200,0,0000 1800 DEFASES NO. 32,27,209,76 51,207,200,19,000,0,189,63.	21	0.70,30,1035 1550 DV(4015,009,176,03,30,1 94.001,000,30,150,009,560,1 133.005 BM,800	£	2009 DATASSI, 133, PSR, 173, 186
50	20,07,1568 1682 DASHODS,78,50,000,000,0 0,008,0,160,68,30,07,000,70	37	1550 SACATS, 74, 080, 091, 157, 2 90, 391, 172, 181, 000, 13, 160, 080 294, 80, 160, 0818	61	2004,200,0,200,6700 2006 Defeat,145,563,165,861 20,100,100,200,650,30,160,75 6,100,001,002,0030
87	\$1,560,1700 1700 DATACHT, TV1,500,0,160,0 9,38,97,804,76,51,500,601,17	m	1978 DATEL, 32, 13, 801, 168, 197 1978 DATEL, 32, 238, 295, 70, 71 203, 201, 2002	63	2299 SATACRO, 200, 235, 165, 255 ,020, 3,020, 230, 30, 32, 350, 157 ,157, 8, 32, 2470
12	7,000,0,10.00 1718 DWT#160,115,30,87,809,7 6,51,500,701,004,000,0,160,6 3,30,67,0030	12	1500 DATAGE, 177, 95, 201, 120, 1 94, 8, 801, 110, 194, 20, 201, 152, 176, 37, 36, 1891	SF	0058 DMTH*, 150, 30, 743, 808, 17 6.0, 940, 4.30, 840, 187, 86, 160, 8.300, 1600
13	1700 BASROW4,78,55,000,003,0 59,000,0,160,05,30,07,094,76 53,000,00000	14	1998 ENTROIS, 001, 176, 03, 70, 3 2,218,055, 194, 75, 835, 803, 27, 201,001, 176, 5156	919	2000 DATHON, 153, 0, 160, 153, 0. 161, 153, 0, 160, 153, 0, 163, 153, 0, 164, 1667
00	1726 CHEROC, \$18,055,18F,051, 3K,051, 3K,051,18K,051, 5K,051,051,051,051,051,051,051,051,051,051	0.0	200 DATHE 3F, 42, 604, 189.1, 32,247, 200, 109,2,133,805,163	rr	0,100,0000 HFTD DACAISS,0,160,753.0,160, 153,0,167,163,0,168,753.0,7
63	1748 (M18168, 230, P41, 110, E20 180, 3, 141, 111, 286, 32, 164, 29 8, 30, 60, 226, F183	13	2012 DRIVERT, TE, TY, 000, 030, 0	100	2002 DRING, 172, 153, 8, 271, 153 , 0, 175, 153, 0, 173, 153, 0, 174, 1 52, 0, 1655
15	1758 CMCA199,4,133,F1F,3F,02 ,880,194,3,78,694,693,680,13	03	3,093,173,187,0903 2600 DeTecso,129,7,133,894,1 88,8,152,175,253,189,3,741,1 8,007,30,189	60	2010 DWT4079, 153, 0,179, 153, 6 ,177, 153, 0,178, 153, 0,178, 153
AB	1768 DREATE, 160,60,35,10,204 194,76,200,023,021,17,200,3	56	2838 0HDAS1,196,96,70,30,348 .004,244,2,184,96,72,169,18, 32,210,1788	90	2300 DECAISS, 0, 181, 753, 0, 181, 153, 0, 181, 153, 0, 183, 153, 0, 181, 153, 0, 1
337	157,83,800.7,176,180,680,190	21	2018 DATASIS, 181, 37, 218, 255, 163, 146, 36, 638, 638, 36, 70, 21, 173, 186, 285, 7345	100	2316 CHING, 185, 153, 0, 187, 153, 0, 188, 153, 0, 198, 153, 0, 198, 153, 0, 198, 1
rs	8,191,30,144,081,30,610,650,	TF	173,187,000,180,181,006,133,051 173,187,000,180,181,000,133	10	#200 2004150,200,200,157,165 ,0,741.1,200,141,0,164,141,6
F#.	281,32,91,203,76,74,000,001		2868 DAGATYS, 251, 96, 168, 1, 32 ,13, 881, 173, 180, 689, 130, 697, 133, 851, 172, 8389	20	0330 CHEME, 172, 191, 0, 175, DVG , 0, 180, TV1, 0, 18V, 70, 501, 005, 30, 263, 1800
SF	1000 DATES, 173, 181,000,13,1 80,000,000,151,30,144,001,10		185,9,133,850,09,133,098,09, 185,9,133,850,09,172,189,000	19	23,000,000,71,000,005,30,0 23,000,000,71,000,181,000,0,
94	1018 (MCASS, NOV. 200, NO. 50, 00, 00 8, 189, 1, 123, 205, 60, 75, 74, 202		2000 DATHERS, 173, 107, 206, 191 ,248, 133, 854, 160, 1, 177, 691, 1 76, 133, 251, 260, 2786	0.7	8350 DACA168,133,252,173,19, 267,141,183,200,189,18,10,141,1
63	1000 (MINDON, 30, 30, 348, 504, 1 44, 3, 76, 74, 600, 30, 349, 800, 30	22	162,851,30,180,190,100,000, 162,851,30,180,100,000,000,	ra	25, 30, 123, 200, 173, 123, 220, 14 1, 12, 297, 75, 2098
86	1830 0405188,1,30,047,000,76 ,74,000,001,133,000,18,188,8 3,30,18,1838		7180 DATHUTY, 20, 180, 150, 165, 247, 205, 110, 206, 708, 681, 185, 218, 285, 111, 206, 2874	AC.	0.010 045401,100,00,003,174,3 0.010,000,180,0,00,013,000,1 70,1,00,0157
RE	2010 OHCHOOM, LOS, 201, 78, 202, 203, 202, 123, 123, 123, 123, 123, 123, 123, 12		251, 169, 0, 145, 253, 36, 188, 223	ra	2302 Date/No. PHD. 224, 22, 253, 1 Ph. 32, 212, 225, 162, 111, 160, 20 7, 163, 0, 133, 2412
EH	1852 3434255,75,200,203,201, 135,000,18,180,83,36,19,001,		8,000,185,009,133,000,04,173,10 6,000,185,009,133,053,173,10	45	2500 \$414245,100,100,133,000 .100,043,30,05,005,00,0,0,0,0,0,0,0,0,0,0,0,0,0
4E	1000 DATHURS, 023, 021, 137, 020 -13, 160, 16, 30, 19, 024, 32, 11, 0 23, 160, 0, 1602		0130 (MCM)33,859,188,830,133 -017,189,3,133,010,169,0,177 -011,000,190,0008		
00	1878 CHTANS, SID. 1803, 081, 130, 200, 18, 159, 59, 33, 19, 204, 160, 25, 79, 600, 6033	100	2110 ONTHOSS, 130, 177, 813, 820, 195, 853, 160, 853, 30, 830, 824, 167, 813, 36, 830, 830?		
I.F	1000 DATAMOS, 021, 129, 000, 10, 359, 115, 30, 10, 924, 160, 147, 78 .000, 003, 001, 0316	23	2150 0404094 160,047,30,030, 024,165,047,005,161,005,000, 221,165,746,005,3058		PROSENT. UPX EEPO
73	3,001,143,000,00,78,160,00,3 0,191,143,000,00,78,160,00,3 0,15,004,0005	00	2100 CMCACGC.006,289,219,100 ,38,745,250,146,250,140,638, 7,56,624,4,6413		
53	1952 DATACON, TH. 000, 003, 005, 105, 145, 200, 24, 132, 149, 206, 208, 3, 70, 74, 000, 003, 003	57	2170 DASA181, 8, 081, 055, 208, 2 211, 1,95, 168, 238, 284, 181, 28 0,008, 3,0279	97	13 804 • VBJ RUET BIR WEEK
90	1918 040479,209,40,97,13,080	16	2508.0000382,3,024,100,005,0		

### ISTIN

		272 DATASH, 79, 32, 52, 10, 111, 1		1679	
	ET PRACHE.	11, 111, 0, 30, 30, 30, 30, 30, 30, 30, 3		536 DATESC. 51, 31, 12, 31, 13, 76	
		2.710			
	25 MEN . LISTED DELOW, YOU C	ETE DETA NAME			
		200 201975, 79,65,68,39,30,30		590 DATAGE, NR. 69, 78, 69, 78, 79	
				.20,61,24,49,24,13,73,36,61,	
		,11,50,13,70,73,83,84,13,32,			
		290 0404055,02,32,63,70,84.6		550 010105, 38, 17, 65, 35, 17, 67	
		300 Ontres. 77, 83, 37, 84, 78, 30		568 DHTASS, 43,71,36,43,72,30	
		76, 70, 65, 66, 36, 76, 66, 75, 77,			
		316 Delegation, 73, 63, 76, 35, 65		572 DHTNGS, 59, 74, 73, 79, 32, 50	
		,TW, NW, NP, 62, 65, 79, 32, 12, 72,		,73,76,65,62,69,32,73,63,32,	
		207 041407, 37, 69, 69, 69, 69, 69		182 DATESY, 59, 73, 36, 13, 192, 1	
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		2,05,79,13,0,36,36,36,36,36,36	1.9	500 DADAGE, 60, 78, 45, 65, 42, 49	
				94,13,73,70,70,60,40,70,62	
		352 CHT#20.51.054.58.65.65.7	80	616 DRIANG, 62, 62, 63, 63, 64, 73	
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		,78,02,02,73,78,01,21,747,70		107,00,79,78,71,95,30,73,01,	
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		,60,79,70,71,40,30,73,04,30		,32,65,69,32,72,62,72,77,32,	
	DEE DECKEY, 43, 24, 59, 65, 59, 24				
		280 040403,72,73,89,79,88,30		\$10 DECOMB, 30, 61, 75, 30, 50, 53	
		.95,93,32,70,82,70,77,32,58,		,53,31,50,83,83,83,87,87,93,	
	138 DATEST, 57, 49, 51, 49, 13			002 Delega, 99, 19, 67, 61, 69, 43	
		200 DECKSS, 95, 32, 50, 52, 53, 23, 24		,52,56,58,72,78,80,80,87,87,84	
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	838 DACAGE, 63, 79, 62, 32, 67, 79, 20, 29, 85, 85, 29, 13, 88, 87, 79,				
	,75,79,85,82,94,13,82,82,73,		16, 10, 9, 17, 20, 5, 1, 16, 37, 224		
nn.	THE DOCKTE, DV. CO. 25, 57, 65, 76				
	,55,74,19,74,68,13,60,61,654				1958 Oxtone, 5,0,10,30,30,14,61,1
	.55,75,95,75,96,13,66,41,664				
					1556 OKCASE, 38, 38, 38, 38, 38, 38, 38, 3
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78	NID DETROIS, \$3,51,59,55,79,79				
	ST. 58. 88. 79. 79. 50. 51. 56. 51.				
					1618 Owlne, 30, 05, 15, 61, 30, 35
					,58,5,19,19,30,1,30,11,5,809
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	,75,78,69,69,30,30,195,99,13		3,36,69,79,79,99,30,30,30,30	34	1518 ENTRACTO, 73,83,89,30,7 9,70,30,69,78,60,30,67,72,65
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32	78,1990 1200 DASKYE, 30,155,50,13,154 30,00,05,78,67,64,66,65,61,	rr	1192 1202 DEPART, BY, 85, 85, 87, 88, 8 9, 99, 99, 50, 51, 52, 53, 54, 56, 56	13	1579 Dalmer, 40.12,13,85,9,13 13,13,13,13,13,31,80,80,80,83
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	0,38,32,155,90,155,38,82,73, 76,1800 1870 BASATS, 32,69,78,75,75,7	18	134E DATES, 0, 16, 1, 188, 0, 18, 1 47, 31, 88, 38, 38, 32, 32, 32, 32, 4	68	1,33,000,389,850,141,130.0,3 80,6,111,1398
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15	1888 DASKSE, SE, SE, SE, SE, SE, SE, SE, SE, SE,	70	1302 DECASS,70,60,60,60,13,1		1636 GAGAIGS, 9, 133, coc. oc. 17
12	1000 DATECT, TO. 80. 83. 32, 155, 58, 751, 32, 73, 84, 30, 83, 32, 60,	13	2,817 1976 DADANE, NE, NE, NE, 96, 96, 9 8, 90, 90, 90, 90, 90, 80, 80, 80, 80	20	
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20	1680 DASA169.0,174.45.12.30 205.189.100,10.140,134.0,13	اه	197, 26, 1887 1918 DEFANS, 175, 19, 166, 68, 18	1,,	0,10,173,1902
			2,12,76,175,19,182,38,182,11		
50	1788 BACARDS, 255, 32, 118, 18,				185 15 1795
10					Bred Daless, 540, 45, 162, 17
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					#892 DETAGS, 173, 157, 15, 23
					95.15.160,173,190,15,037,1
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					,15,144,6,7040
	200, 3, 70, 8000				2000 DAINING, 187, 15, 141, 11
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	3,75,150,10,020,134,500,3,76		PROP DWT#069, 138, 133, 893, 169		
20	,170,18,1776		,6,133,65F,16F,15,189,36,38,		2270 Delego, 160.0, 141.07,1 191.50, 10, 100, 17, 04, 110, 60
	1748 SASASSI, 130, 888, 3, 76, 24				E.116.1179
	7, 18, 081, 120, 000, 3, 76, 601, 21		FEED DATABLES, 251, 11, 69, 694, 1		2000 Octobr, 12, 110, 50, 10, 1
	.001, 139, FP=0				
	1702 DATASON, 3,70,13,18,300				.95.10.199,10.09,179,68,1
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	70, 111, 17, 201, 51, 200, 0, 30, 81				
			15,160,95,165,651,11,P4D,03		\$300 Delegs, 21, 173, 55, 12,
'n					.191,15,191,181,15,179,56, .189,189,1904
			2012 Delect, 105, 112, 15, 100, 1		
			21,15,191,181,16,173,152,15		2316 Decemb, 141, 100, 16, 66
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			69,0,141,150,15,173,100,15,1	85	2300 BASHING, 17, 141, 191, 15
e	1700 DECASE, PRI. 51, 200, 5, 160				
	.5,143,43,18,76,173,17,006,4 3,38,3374		2060 0434173,191,15,141,193,		
				21	
6	1888 DASA173,43,52,001,4,000		15,173,150,16,141,104,15,30,		
			2078 Detecto, 15, 141, 42, 52, 57		
			3,197,10,141,105,15,173,188,		2392 Dates, 133,809, 169.0, 1
	1818 003949, 12, 173, 44, 18, 881				
			2008 DWT#15, 188, 0, 141, 191, 15		,081,150,1548
			.173,100,15,141,193,15,30,00	12	E398 DATAGOD, 5,169, 1,139, 4
	1802 DeTerr. 12, 180, v. 140, 45,				
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					\$350 DACA188,88,881,32,000
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	1099 Dales, 638, 47, 18, 84, 173,				121,16,173,1981
	18, 18, 120, 84, 941, 53, 12, 173, 4 7, 10, 1129				\$300 DECAGES, 16, 261, 255, 20
	1850 CMCA185, 85P, 195, 59, 187, 1		.50,18,38,195,21,30,139,01,1		3, 205, 182, 15, 150, 20, 30, 30, 200
					59,160,30,1895
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	1808 05050, 151, 57, 12, 189, 1, 1		12,191,1030		1,751,7,200,11,140,751,219
	41,45,12,76,150,18,028,48,12				2920 Balaist, 183, 10, 100, 46
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	,000,47,12,173,95,10,000,035 ,173,47,1604				PRISE BATACO, 130, 18, 841, 76.
	1000 DAIATE, DEG. 530, 169, 531,				.02.30,100,00,76,10,041,76,
	141,45,17,169,3,191,97,18,76				73, 184, 1858
					2900 Oxford 24, 189, 91, 190, 5
	1898 DECADOS, 51, 139, 651, 288,				10,173,180,18,185,253,111
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			BF, 15, 239, 0, 191, 192, 15, 168, 0		2430 DACAS, 173, 63, 12, 290, 1
	1900 DACA)9,001,133,000,3,76				8,169,109,133,651,169,19,1
			EITE BADAIF, 141, 69, 52, 172, 42		5792 DAIN173, 121, 16, 167, 651
	1002 Delette, 200, 2,78, 12, 29,				
			#180 DRIEGYS, 21, 30, 194, 81, 88		33,650,250,0,0018
					SYSS DATELSO, 145,251, 173, tr
	1908 DATES,76,169,19,081,18.				
	28, 3, 78, 171, 19, 100, 18, 227, 6				
			5,631,81,881,181,181,189,18	EC	\$150 DACASE, 86, 369, 255, 32, 4
	1936 DECKERG, 0, 136, 16, 218, 78				0,23,165,0,139,618,168,1,1
					P479 Debasso.101,133,001.18
			2210 DASAIRT, DE, DAI 105, 15, 1 173, 280, 16, 140, 156, 15, 173, 180		2150 SAINCL, 30, 18, 09, 173, 15
			73,180,16,140,186,15,179,186 ,05,140,159,0814		
	251, 11, 130, 10, 250, 56, 160, 4.				,188,16,1654 2759 8434139,050,30,158,17,

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	9,177,181,35,741,189,18,171
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	218, 23, 109, 0, 133, 818, 189, 26
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